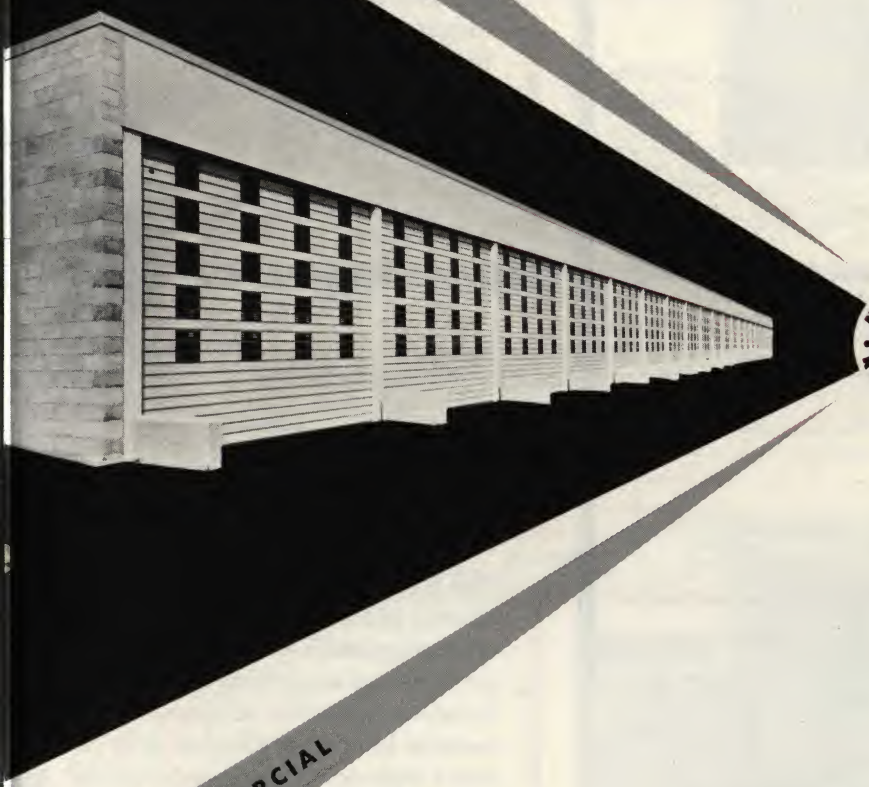
MORRISON
steel sectional
Roly-Doors

IMPERIAL COMMERCIAL

REGENT COMMERCIAL



IMPERIAL RESIDENTIAL

REGENT RESIDENTIAL

PREMIER RESIDENTIAL

MORRISON ROLY-DOORS

Newly-Expanded lines to include an extremely wide selection of models for new construction and remodeling.

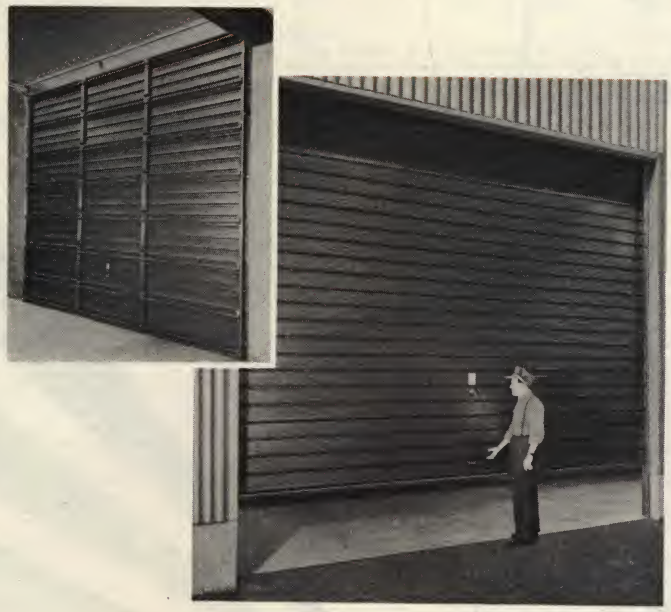
RESIDENTIAL • COMMERCIAL • INDUSTRIAL

STEEL SECTIONAL DOORS and AUTOMATIC OPERATORS

MORRISON STEEL PRODUCTS, INC.
BUFFALO 7, NEW YORK

REPLACEMENT OR REFUND OF MONEY
Guaranteed by Good Housekeeping
IF NOT AS ADVERTISED THEREIN

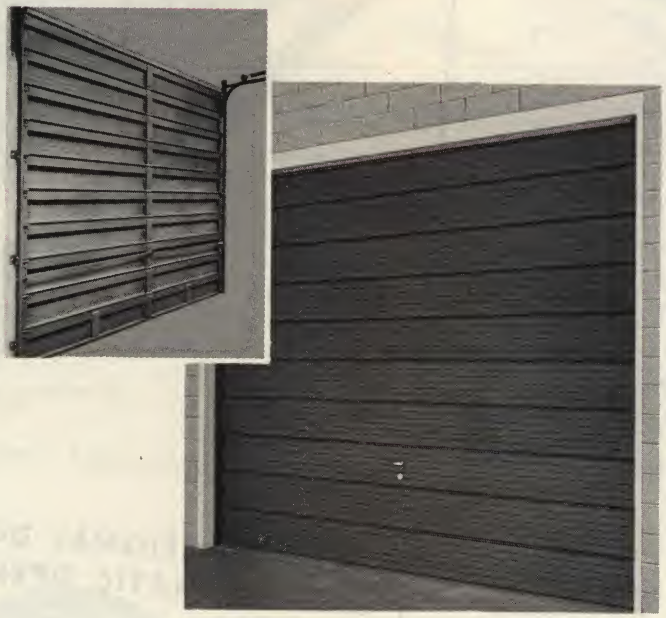
IMPERIAL COMMERCIAL



IMPERIAL sections

The IMPERIAL model represents the crowning achievement of Morrison Roly-Doors. Here is a steel sectional door for those who appreciate engineering excellence. Truly, this is the finest line of Commercial, Industrial, Residential doors ever offered. The latest and most outstanding features have been incorporated into the Imperial Line to provide a door neatly designed to blend with all styles of architecture, properly reinforced to offer maximum strength and precisely balanced to assure ease of operation with or without a motor driven operator.

REGENT COMMERCIAL



REGENT sections

The REGENT model has been developed for those users who want ruggedness and dependable performance at an economical price. Incorporated in this new model are features heretofore found only in much more costly commercial doors. Where price is a factor the REGENT model can be specified with assurance that proper reinforcing makes this model a rugged door designed to withstand the rough treatment that all doors undergo in daily use.

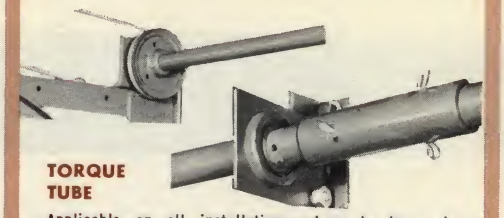
NATIONWIDE SALES AND SERVICE

Roly-Door Distributors and Dealer-Installers, located in principal cities of the U. S. and Canada, offer prompt delivery and expert installation service. They are listed in the classified Telephone Directory. Complete information is also available from Morrison Steel Products, Inc. 601 Amherst Street, Buffalo 7, New York.

TRUSS BARS

TRUSS BAR ARRANGEMENTS

Door Widths	Standard Truss Bars	Reinforced Truss Bars
8′-0″ thru 9′-2″		
9′-3″ thru 10′-2″	On Top & Bottom Sections	
10′-3″ thru 16′-2″	On Top & Bottom Sections and at Each Section Joint	
16′-3″ thru 18′-2″	At Each Section Joint	On Top & Bottom and #3 Sections
18′-3″ thru 20′-2″		On Top & Bottom Sections and at Each Section Joint

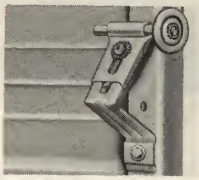


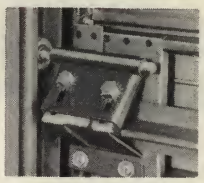
TORQUE TUBE

Applicable on all installations where headroom is standard 12½″ or over (Not applicable for low headroom.) No torque tube assembly supplied on doors 8′-0″ through 16′-0″ wide, through 12′-0″ high. (Torque tube assembly available as optional extra equipment on above sized doors.) Doors of all other sizes supplied with torque tube assemblies including cable sheaves mounted on heavy steel tube across door head, supported in three ball bearing brackets. These brackets are mounted one at each end on track reinforcing and one in center on adjustable bracket.

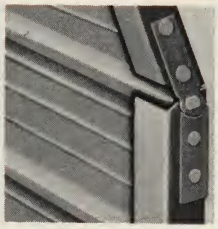
FULLY ADJUSTABLE ROLLER BRACKETS

Heavy gauge steel, precision designed to meet overload providing sturdy, smooth operation in tapered or wedge type track.


SINGLE ROLLER


DOUBLE ROLLER

See Roller Brackets on Reverse Side for Specifications.

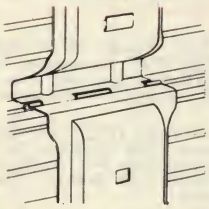


PATENTED HINGING

Patented, rolling socket hinging for easy, positive opening and closing with minimum maintenance.

PRECISE COUNTER-BALANCING

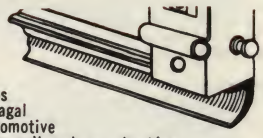
Precise, adjustable counterbalancing with accurately calibrated springs for safe, positive action.



VERTICAL BRACING

Additional stability and support is secured by welding 20 gauge die-formed steel vertical reinforcements to each section. Intermediate hinging is formed into the vertical reinforcements to insure positive positioning of all interlocking section joints. Doors through 10′-2″ wide have a single row of vertical reinforcements, doors 10′-3″ wide through 16′-2″ wide have a double row evenly spaced and doors 16′-3″ and wider have three evenly spaced rows of vertical braces.

ASTRAGAL: STANDARD EQUIPMENT

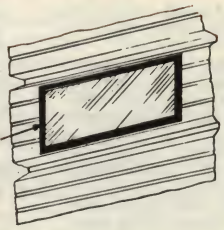


Doors 8′-0″ through 9′-0″ wide, 6′-6″ through 14′-0″ high, supplied with 1″ astragal. All other sizes supplied with 1½″ astragal of special analysis, automotive type rubber, resistant to salt and sun checking, resilient through wide temperature range.

WINDOW SECTION

Solid Vinyl Window Moulding Interlocking Glass and Steel Panel.

Glass size 18″ x 4¾″ S.S.

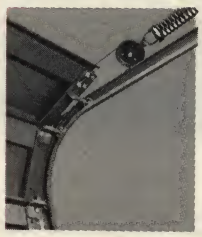


LOW HEADROOM

In Roly-Door installations where the distance between the top of the door opening and the bottom of the rafter structure is less than 12½″ a low headroom kit is available as extra equipment. With these low headroom brackets, Morrison Roly-Doors can be installed in headroom clearances as low as 3½″. Applicable on Imperial doors up to 150 square feet.

SECTION REINFORCING

Door Size Up To	Reinforcements Horizontal & 1 Vertical	Reinforcements Horizontal & 2 Vertical	Reinforcements Horizontal & 3 Vertical	End Reinforcements
8′ & 9′ x 12′ High	Bottom Section Only			
10′ x 10′ High	All Sections			
10′ x 12′ High	All Sections			All Sections
12′ x 12′ High	All Sections		Bottom Section	All Sections
14′-15′-16′ x 12′ High		All Sections	Bottom and Lock Section	All Sections

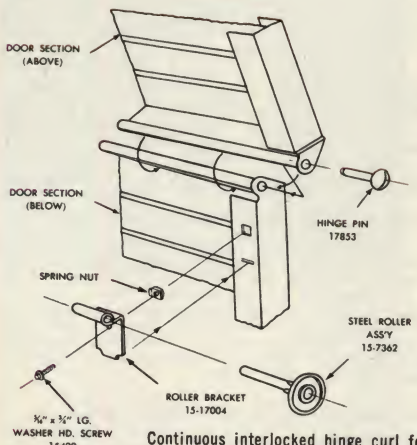


GRADUATED ROLLER BRACKETS AND ROLLERS

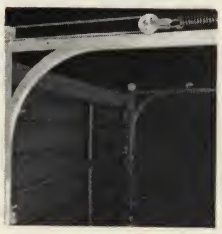
Heavy gauge steel, precision designed to meet overload providing sturdy, smooth operation in tapered or wedge type track.

See Roller Brackets on Reverse Side for Specifications.

HINGING



Continuous interlocked hinge curl for weather-tight closure.



PRECISE COUNTER-BALANCING

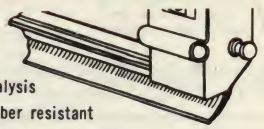
Precise, adjustable counterbalancing with accurately calibrated springs for safe, positive action.

LOW HEADROOM

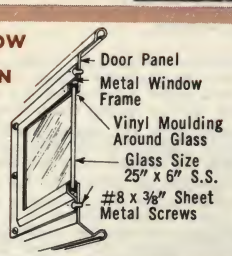
In Roly-Door installations where the distance between the top of the door opening and the bottom of the rafter structure is less than 11½″, a low headroom kit is available as extra equipment. With these low headroom brackets, Morrison Roly-Doors can be installed in headroom clearances as low as 4¼″.

ASTRAGAL: STANDARD EQUIPMENT

All doors supplied with astragal special analysis automotive type rubber resistant to salt and sun checking, resilient through wide temperature range.



WINDOW SECTION



ROLY-DOORS ARE BONDERIZED TO PRESERVE FINISH

All Roly-Doors are Bonderized, protected by a non-metallic phosphate coating of Bonderite. This forms an excellent base for the baked-on rust inhibiting primer. Together they provide a conditioned surface that securely anchors the finish coat of paint to the door. Peeling and flaking are eliminated and the door requires much less repainting.

IMPERIAL COMMERCIAL

Roly-Door Specifications

GENERAL: Roly-Doors are furnished ready for installation including sections, tracks, springs, bottom astragal, stop mouldings, lock, cables, pull rope and hardware.

STANDARD SIZES: Include 8'-0", 9'-0", 10'-0", 12'-0", 14'-0", 15'-0", 16'-0", 18'-0", and 20'-0" wide, and 7'-6" through 14'-0" high in 6" increments.

CUSTOM SIZES: Include 8'-1" through 24'-0" wide in one inch increments, and 7'-6" through 18'-0" high in 6" increments. Custom doors produced to maximum size of 336 square feet of door face area. Maximum widths 24'-0" and maximum height 18'-0". Custom size doors available on special order.

CLEARANCES: Standard headroom 12½" minimum—side space 3½" minimum, center pier 7" minimum. Low headroom kit available as extra equipment. Headroom clearance minimum 3½" with minimum side space of 4" for standard track arrangement. ON SPECIAL TRACK ARRANGEMENTS see text for clearance requirements.

MATERIAL: Steel, 24 gauge, roll-formed into deep horizontal ribbed panels. Strength and rigidity are obtained by welding 16 gauge end channels to ends of each section.

TRACKS: Vertical wedge-type tracks of 2" roll-formed steel mounted on die-formed steel brackets for wood jambs and masonry where wood jambs are applied. (For continuous or reverse angle track and overlapping steel jamb construction, for application to steel jambs or masonry steel jambs as optional extra equipment.)

Horizontal tracks with 15" curved section made of 2" roll-formed steel with angle reinforcement and a 4" x 1½" x 12 gauge jamb angle, 22" long, all welded into one unit.

Doors through 9'-0" wide, 7'-0" high, tracks are .062 gauge and horizontal curve reinforcing angle is 1¾" x 1¼" x 12 gauge, 24" long.

Doors over 9'-0" through 16'-0" wide, through 7'-0" high, tracks are .083 gauge and horizontal curve reinforcing angle is 1¾" x 1¼" x 10 gauge, 6'-3" long.

Doors 8'-0" through 16'-0" wide, over 7'-0" through 10'-0" high, tracks are .083 gauge and horizontal curve reinforcing angle is 1¾" x 1¼" x 10 gauge, 10" longer than door height.

Doors over 16'-0" wide; or over 10'-0" high, tracks are .093 gauge and horizontal curve reinforcing angle is 2" x 1¼" x 3/16", 10" longer than door height.

TRACK HANGERS: Because of varying ceiling heights and construction method, no hangers are furnished with commercial size doors.

ROLLERS: All doors supplied with ten (10) ball, steel ball bearing rollers.

ROLLER BRACKETS: Doors 8'-0" to 10'-2" wide by 10'-6" and higher; and doors 11'-3" to 16'-2" wide by 7'-6" and higher; and doors 16'-3" and wider by 6'-6" and higher are provided with double graduated adjustable roller brackets, all other sizes are provided with single graduated adjustable roller brackets.

CABLE SHEAVES: Doors 8'-0" through 9'-2" wide, 7'-6" through 10'-0" high, supplied with 3" O.D. steel ball bearing sheaves.
Doors of all other sizes supplied with 4" O.D. steel ball bearing sheaves.

CABLES: Doors 8'-0" through 9'-2" wide, 7'-6" through 10'-0" high, supplied with 1/8" diameter 6 x 7 galvanized, 1210# tensile preformed plow steel cable.

Doors 9'-3" through 16'-2" wide, 7'-6" through 14'-0" high and 8'-0" through 9'-0" wide, over 10'-0" through 14'-0" high, supplied with 3/16" diameter 6 x 19 galvanized, 2500# tensile preformed plow steel cable.

Doors of all other sizes supplied with 3/16" diameter 7 x 19 tinned, 4200# tensile preformed aircraft cable.

PROTECTIVE COATING: All metal surfaces are Bonderized.

PRIMER: Red oxide baked prime coat.

SPRINGS: All doors supplied with two extension springs made of oil tempered steel wire of low stress for long life. All springs engineered to exact requirement for each size door for perfect balance. Torsion springs are specifically designed for use on high lift applications—also available as extra equipment on standard installations. Roly-Doors do not rot, warp or absorb moisture—weight remains constant. Therefore, standard installations are equipped with extension springs to insure permanent, easy operation without the additional cost of torsion springs.

FASTENERS: All screws, bolts, nuts and washers are cadmium plated.

GUARANTEE: All doors guaranteed against defects in material and workmanship for one year.

PREPARATION: Jambs and opening, preparation, painting and glazing by others.

WINDOW OPENINGS . . . Doors available with window openings — 2 openings in doors 10'-2" wide and under, 3 openings in doors 10'-3" through 16'-2" wide and 4 openings in doors 16'-3" wide and over.

REGENT COMMERCIAL

Roly-Door Specifications

GENERAL: Regent doors are furnished ready for installation including sections, tracks, springs, bottom astragal, stop mouldings, locks, cables, pull rope and hardware.

STANDARD SIZES: Include 8'-0", 9'-0", 10'-0", 12'-0", 14'-0", 15'-0", 16'-0" wide and 7'-6" through 12'-0" high in 6" increments.

CUSTOM SIZES: Include 8'-1" through 16'-2" wide in one inch increments and 7'-6" through 12'-0" high in 6" increments. Custom doors produced to maximum size of 194 square feet of door surface area. Maximum widths 16'-2" and maximum heights 12'-0". Custom size doors available on special order only.

CLEARANCES: Standard headroom 11½" minimum—side space 3½" minimum, center pier 7" minimum. Low headroom kit available as extra equipment. Headroom clearance minimum 4¼" with minimum side space of 4½" for standard track arrangements. On special track arrangements,—see text for clearance requirements.

MATERIALS: Steel, 24 gauge, roll-formed into deep horizontal ribbed panels. Strength and rigidity are added by welding 16 gauge end channel to the ends of each section. On doors 10'-3" wide and over strength and rigidity are increased with the use of horizontal and vertical reinforcing welded to the sections.

TRACKS: Vertical wedge-type tracks of 2" roll-formed steel mounted on die formed steel brackets for wood jambs. (For continuous angle track and overlapping steel jamb construction for application to steel jambs or masonry steel jambs see text on special track arrangements.)

Horizontal tracks with 11" curved section made of 2" roll formed steel with horizontal angle reinforcement and a 4" x 1½" x 12 gauge vertical jamb angle, 19" long, all welded into one unit.

Doors 8'-0" through 16'-2" wide, over 7'-0" through 10'-0" high, tracks are .083" gauge and horizontal reinforcing angle is 1¾" x 1¼" x 10 gauge, 10" longer than track height. Doors 8'-0" through 16'-2" wide, over 10'-0" through 12'-0" high, tracks are .093" gauge and horizontal reinforcing angle is 2" x 1½" x 3/16" gauge, 10" longer than track height.

TRACK HANGERS: Because of varying ceiling heights and construction method, no hangers are furnished with commercial size doors.

ROLLERS: All Commercial Regent Doors 7'-6" high and higher are supplied with ten (10) ball, steel ball bearing rollers.

ROLLER BRACKETS: Doors 9'-3" through 10'-2" wide by 10'-6" high and higher and doors 10'-3" through 16'-2" wide by 7'-6" high and higher are provided with graduated fixed double roller brackets. All other sizes are provided with graduated fixed single roller brackets.

CABLE SHEAVES: Doors 8'-0" through 9'-2" wide by 7'-6" through 10'-0" high are supplied with 3" O.D. steel ball bearing sheaves. All other commercial Regent Doors 7'-6" high and higher are supplied with 4" O.D. ball bearing sheaves.

CABLES: All doors 8'-0" through 9'-2" wide are supplied with 1/8" diameter 6 x 7 galvanized, 1210# tensil preformed plow steel cable.
All doors 9'-3" wide and wider are supplied with 3/16" diameter 6 x 19 galvanized, 2500# tensil preformed plow steel cable.

PROTECTIVE COATING: All door sections are Bonderized.

PRIMER: Red oxide baked prime coat.

SPRINGS: All doors supplied with two extension springs made of oil tempered steel wire of low stress for long life. All springs engineered to exact requirements for each size door for perfect balance. Torsion springs are specifically designed for use on high lift applications—also available as extra equipment on standard installations. Regent Roly-Doors do not rot, warp or absorb moisture—weight remains constant. Therefore, standard installations are equipped with extension springs to insure permanent, easy operation without the additional cost of torsion springs.

FASTENERS: All screws, bolts, nuts and washers are cadmium plated.

GUARANTEE: All doors guaranteed against defects in material and workmanship for one year.

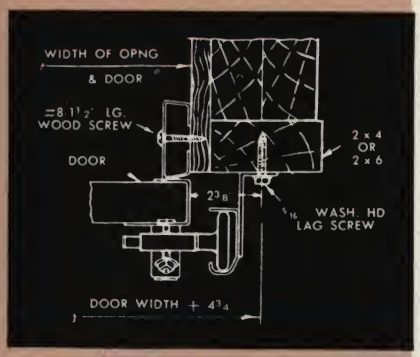
PREPARATION: Jambs and opening preparation, painting and glazing by others.

WINDOW OPENINGS . . . Doors available with window openings — 2 openings in doors 8' through 12'-2" . . . 3 openings in doors 12'-3" through 16'-2".

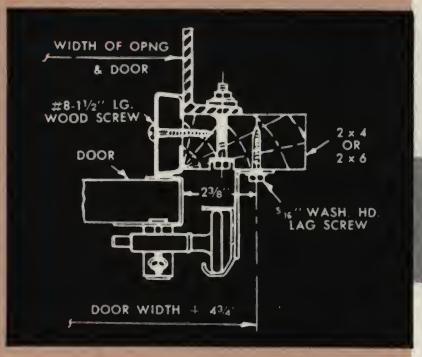
MORRISON ROLY-DOORS ARE BONDERIZED FOR DURABILITY •

JAMB APPLICATION FOR IMPERIAL REGENT

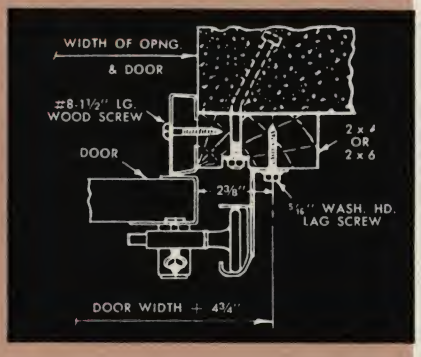
WOOD

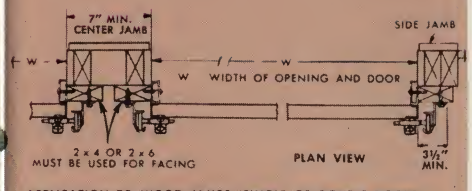


STEEL



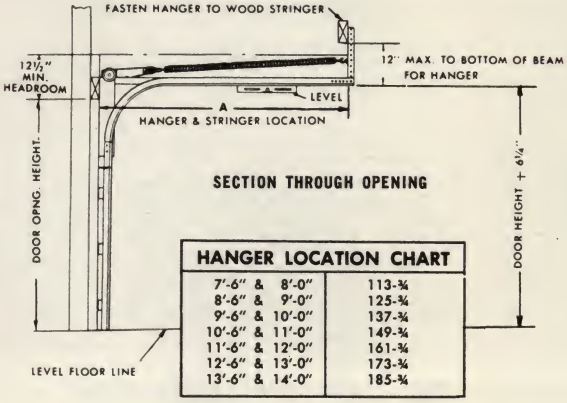
MASONRY



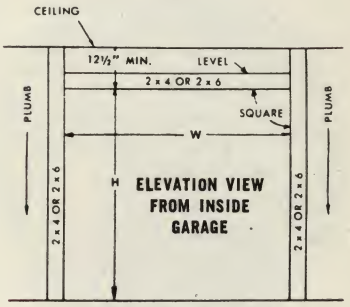


APPLICATION TO WOOD JAMBS (SINGLE OR DOUBLE DOORS)

IMPERIAL *Framing Details*



HANGER LOCATION CHART	
7'-6" & 8'-0"	113-¾
8'-6" & 9'-0"	125-¾
9'-6" & 10'-0"	137-¾
10'-6" & 11'-0"	149-¾
11'-6" & 12'-0"	161-¾
12'-6" & 13'-0"	173-¾
13'-6" & 14'-0"	185-¾



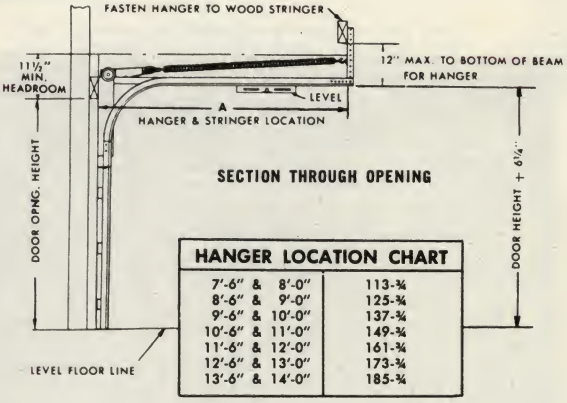
W—WIDTH OF OPENING AND DOOR
H—HEIGHT OF OPENING AND DOOR
CHECK OPENING FOR SIZE AND SQUARENESS

Door opening and Roly-Door should be the same size. Vertical side jambs must be plumb and parallel. Top header should be level and square with side jambs as shown. Surface for mounting track brackets must be flat and square. (Any jamb bolts must be countersunk flush.)

NOTE: Standard door installations require 12½" minimum headroom from the bottom of the header to the ceiling.

A LOW HEADROOM KIT IS AVAILABLE FOR INSTALLATIONS WITH LESS THAN 12½" CLEARANCE.

REGENT *Framing Details*



HANGER LOCATION CHART	
7'-6" & 8'-0"	113-¾
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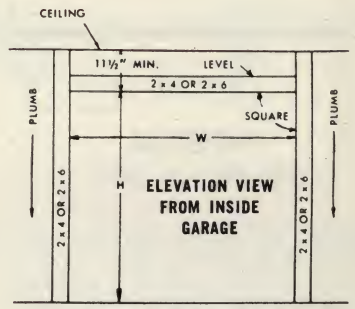


W—WIDTH OF OPENING AND DOOR
H—HEIGHT OF OPENING AND DOOR
CHECK OPENING FOR SIZE AND SQUARENESS

Door opening and Roly-Door should be the same size. Vertical side jambs must be plumb and parallel. Top header should be level and square with side jambs as shown. Surface for mounting track brackets must be flat and square. (Any jamb bolts must be countersunk flush.)

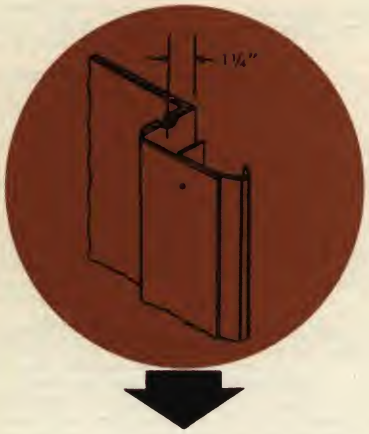
NOTE: Standard door installations require 11½" minimum headroom from the bottom of the header to the ceiling.

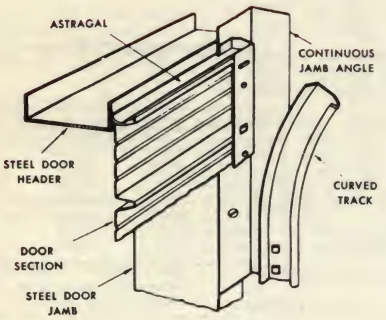
A LOW HEADROOM KIT IS AVAILABLE FOR INSTALLATIONS WITH LESS THAN 11½" CLEARANCE.

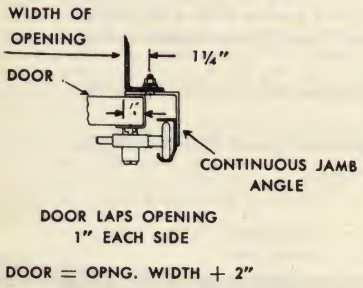
SPECIAL COMMERCIAL APPLICATIONS

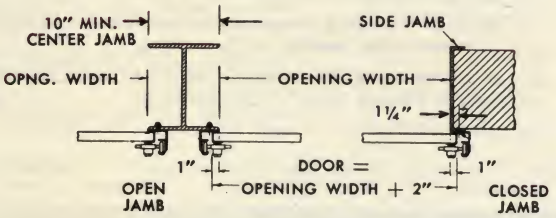
IMPERIAL and REGENT

OVERLAPPING STEEL JAMB





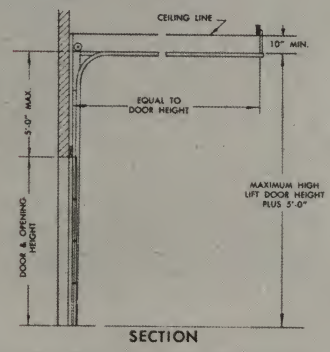




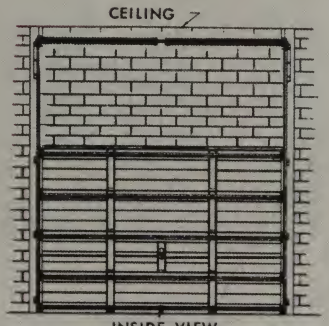
The vertical track is factory assembled to 2¾" x 2¾" x 12 gauge angles for mounting to the steel building columns. This permits the door to overlap the opening by 1" on each side and eliminates the use of stop moulding.

IMPERIAL HIGH LIFT

Roly-Door's high lift door installation permits ceiling heights to be fully utilized. This method is used in many warehouses, industrial buildings and service stations where obstruction between the floor and ceiling would be a hinderance.



SECTION

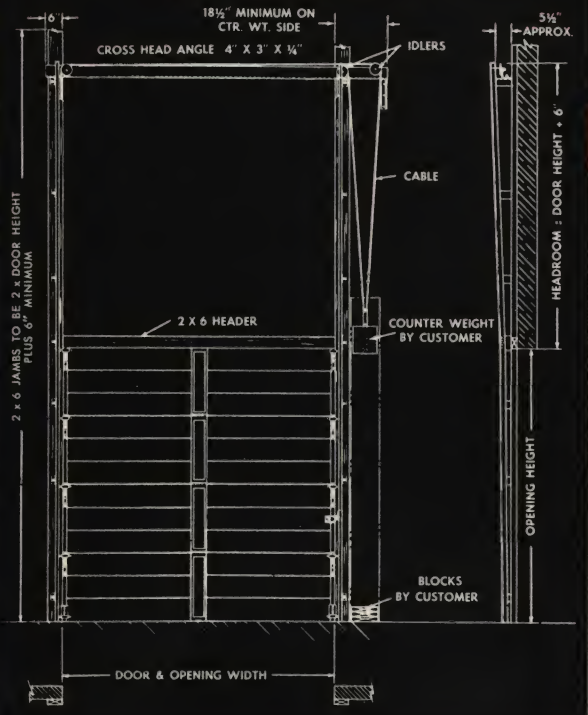


INSIDE VIEW

IMPERIAL VERTICAL LIFT

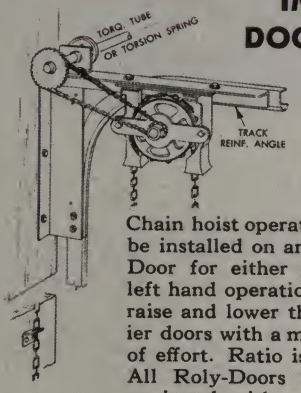
Vertical lift means just what the name implies. The door travels straight up the wall in a vertical position until it clears the door opening. In buildings where merchandise is stored close to the door and overhead cranes are utilized, the vertical lift installation permits full advantage being taken of the floor to ceiling area. Morrison Vertical Lift Roly-Doors are counter balanced with specially designed weights. Door sections, hardware and tracks are the same as standard Roly-Doors except for the substitution of straight vertical track for the curved horizontal track and the counter balancing weights for the tension springs. Vertical Lift Roly-Doors may be installed on either side of the door opening.

VERTICAL LIFT


6"
18½" MINIMUM ON CTR. WT. SIDE
5½" APPROX.
CROSS HEAD ANGLE 4" X 3" X ¼"
IDLERS
CABLE
2 X 6 HEADER
COUNTER WEIGHT BY CUSTOMER
HEADROOM = DOOR HEIGHT + 6"
2 x 6 JAMBS TO BE 2 x DOOR HEIGHT PLUS 6" MINIMUM
OPENING HEIGHT
BLOCKS BY CUSTOMER
DOOR & OPENING WIDTH

CHAIN HOIST

IMPERIAL DOORS ONLY



Chain hoist operators may be installed on any Roly-Door for either right or left hand operation. They raise and lower the heavier doors with a minimum of effort. Ratio is 3 to 1. All Roly-Doors may be equipped with any type radio or electric door operators.

IMPERIAL RESIDENTIAL

IMPERIAL SPECIFICATIONS

DESCRIPTION: All steel, sectional upward acting, overhead doors with patented weather-tight seal at each section joint.

SIZES: 8'-0" through 20'-0" wide, 6'-6" to 7'-0" high. Door widths available in increments of 1" starting with 8'-0".

CLEARANCES: Standard headroom 12½" minimum—side space 3½" minimum, center pier 7" minimum. Low headroom kit available with headroom clearance 3½" minimum and minimum side space of 4".

MATERIAL: Steel—roll formed into strong, rigid, durable sections.

TRACKS: Horizontal tracks, with 15" curved section made of 2" roll formed steel with angle reinforcement. Vertical wedge-type tracks of 2" roll formed steel.

ASTRAGAL: Resilient rubber resistant to salt and sun checking and extreme temperatures.

WINDOW OPENINGS: Doors available with window openings — 2 openings in doors 10'-2" wide and under, 3 openings in doors 10'-3" through 16'-2" wide and 4 openings in doors 16'-3" wide and over.

ROLLERS: Doors 8'-0" through 9'-0" wide and 6'-6" to 7'-0" high Nylon Rollers—All other doors supplied with steel ball bearing rollers.

ROLLER BRACKETS: 12 Ga., die stamped, adjustable roller brackets.

PROTECTIVE COATING: All exposed metal surfaces are Bonderized and primed.

CABLES: Galvanized preformed steel cable.

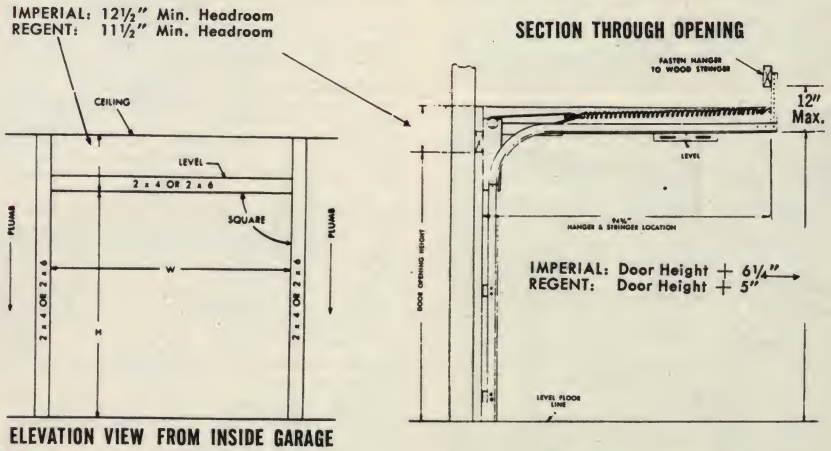
SPRINGS: All doors supplied with two extension springs made of oil tempered steel wire.

FASTENERS: All screws, bolts, nuts, and washers are cadmium plated.

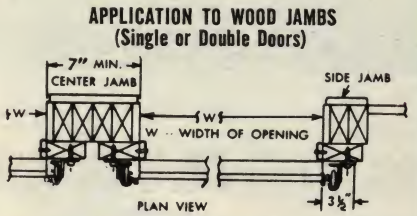
LOCKS: Doors 8'-0" through 9'-0" wide, 6'-6" and 7'-0" high, side spring latch lock. All other doors center spring latch lock with locking rods.

All specifications and prices subject to change without notice. U. S. and foreign patents applied for.

RESIDENTIAL IMPERIAL AND REGENT FRAMING DETAILS



Door Opening and Roly-Door should be the same size. Vertical side jambs must be plumb and parallel. Top header should be level and square with side jambs as shown. Surface for mounting track brackets must be flat and square.



REGENT RESIDENTIAL

REGENT SPECIFICATIONS

GENERAL: Morrison Roly-Door's "Regent" models are 7-section, upward acting doors furnished ready for installation, including sections, tracks, springs, bottom astragal, steel weather strips with mitered corner brackets, lock, cables and hardware. Full length, interlocking, weatherproof sections.

SIZE: Available in all stock sizes — 8' - 9' - 10' - 12' - 14' - 15' and 16', custom sizes in 1-inch increments produced on firm order, in two heights 6'-6" and 7'-0".

CLEARANCES: Standard headroom minimum 11½" side space 3½"—minimum center pier for multiple door installation 7".

SECTIONS: 24 gauge, roll formed, ribbed steel. All doors 12' and wider incorporate horizontal and vertical reinforcing members, resistance welded to the sections.

END CHANNELS: 16 gauge, die-stamped channels with flanged ends, projection welded to door sections.

ROLLER BRACKETS: 12 gauge, die-stamped graduated fixed roller brackets.

HINGE PINS: Complete set of solid steel, 7/16" diameter hinge pins.

TRACKS: Horizontal tracks with 11" curved section made of 2" roll formed steel with angle corner brackets. Vertical wedge-type tracks for free opening and tight closing.

TRACK HANGER BRACKETS: Perforated angles furnished as standard equipment.

ROLLERS AND SHEAVES: Complete set of long life, quiet, free-turning rollers and sheaves.

CABLES: Pre-formed galvanized steel cable.

SPRINGS: Extension springs of oil tempered steel, low stress for long life and perfect balance.

LOCKS: Standard pin tumbler, rim cylinder, spring latch lock (2 keys per lock). Side mounted on 8', 9' and 10' models—center mounted on 12' and wider models.

FASTENERS: All screws, nuts, washers and bolts cadmium or zinc plated.

ASTRAGAL: Resilient rubber, weatherproof — resistant to rock salt.

PROTECTIVE COATING: All sections are Bonderized. Red oxide prime coat baked on.

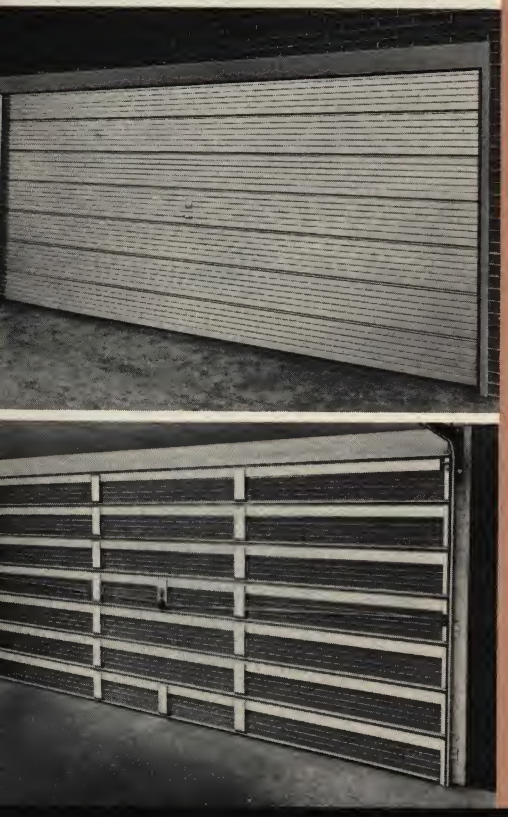
WINDOW OPENINGS: Doors available with window openings — 2 openings in doors 8' through 12'-2" . . . 3 openings in doors 12'-3" through 16'-2".

GUARANTEE: All doors guaranteed against defects in material and workmanship for one year.

PREPARATION: Jambs, openings and painting by others.

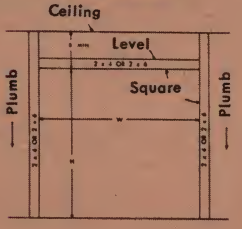
All specifications and prices subject to change without notice. U. S. and foreign patents applied for.

PREMIER RESIDENTIAL

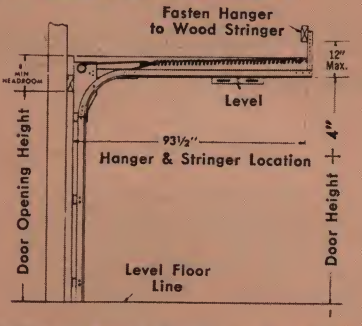


FRAMING DETAILS

ELEVATION VIEW FROM INSIDE GARAGE



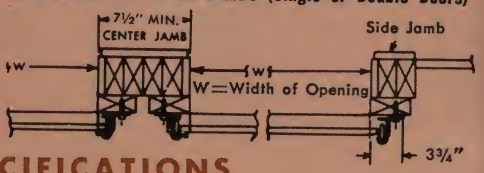
SECTION THROUGH OPENING



Door Opening must be to the even foot width. Vertical side jambs must be plumb and parallel. Top header should be level and square with side jambs as shown. Surface for mounting track brackets must be flat and square.

NOTE: Standard door installations require 8" minimum headroom from the bottom of the header to the ceiling.

APPLICATION TO WOOD JAMBS (Single or Double Doors)



PREMIER SPECIFICATIONS

GENERAL: Morrison Roly-Door's "Premier" models are 7-section, upward acting doors furnished ready for installation, including sections, tracks, springs, bottom astragal, lock, cables and hardware. Full length, interlocking, weatherproof sections.

SIZE: Available in all stock sizes — 8' - 9' - 10' 12' - 14' - 15' and 16'. Two heights 6'-6" and 7'-0".

CLEARANCES: Standard headroom minimum 8" — side space 3¾" — minimum center pier for multiple door installation 7½".

SECTIONS: 24 gauge, roll formed, ribbed steel. All doors 12' and wider incorporate horizontal and vertical reinforcing members, resistance welded to the sections.

END CHANNELS: 16 gauge, die-stamped channels with flanged ends, projection welded to door sections.

ROLLER BRACKETS: Die-stamped roller brackets at top and bottom of door.

TRACKS: Horizontal tracks with 8" curved section made of 2" roll formed steel with angle corner brackets. Vertical tracks are mounted on adjustable brackets.

TRACK HANGER BRACKETS: Perforated angles furnished as standard equipment.

ROLLERS AND SHEAVES: Complete set of long life, quiet, free-turning rollers and sheaves.

CABLES: Pre-formed galvanized steel cable.

SPRINGS: Extension springs of oil tempered steel, low stress for long life and perfect balance.

LOCKS: Standard pin tumbler, rim cylinder, spring latch lock (2 keys per lock). Side mounted on 8', 9' and 10' models—center mounted on 12' and wider models.

FASTENERS: All screws, nuts, washers and bolts cadmium or zinc plated.

ASTRAGAL: Resilient rubber, weatherproof — resistant to rock salt.

PROTECTIVE COATING: All sections are Bonderized. Red oxide prime coat baked on.

WINDOW OPENINGS: Doors available with window openings — 2 openings in doors 8' through 12'-2" . . . 3 openings in doors 12'-3" through 16'-2".

APPLIQUES: Decorative appliques optional at extra cost.

GUARANTEE: All doors guaranteed against defects in material and workmanship for one year.

PREPARATION: Jambs, openings and painting by others.

All specifications and prices subject to change without notice. U. S. and foreign patents applied for.

MORRISON

STEEL PRODUCTS, INC.

In this 350,000 sq. foot of modern manufacturing facilities Morrison Steel Products, Inc. was the first company in the United States to manufacture steel sectional upward rolling doors for all classifications of building. Each Morrison Roly-Door is built with a full background of manufacturing skill, technical know-how and a constant continuing program of research and development.

Roly-Door DIVISION

Because of the forward thinking of this company, the Morrison Roly-Door Division has kept ahead of the field with new features and improved performance with one objective in mind . . . "SATISFIED CUSTOMERS."

MORRISON STEEL PRODUCTS, INC., 601 AMHERST ST., BUFFALO 7, NEW YORK

Manufactured under U.S. Patent No. 2,567,021
Other U.S. and foreign patents pending.
All specifications and prices subject to change without notice.

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